Abstract

The present invention relates to a method for preparing a catalyst which is used in a process of producing acrolein and acrylic acid by the reaction of oxygen-containing gas and propylene. According to the present invention, a sublimable material, such as urea (NH_2CONH_2), melamine ($C_3H_6N_6$), ammonium oxalate ($C_2H_8N_2O_4$), methyl oxalate ($C_4H_6O_4$) or naphthalene ($C_{10}H_8$), is added as a catalyst additive in the preparation of the catalyst. Using the catalyst prepared by the present invention, acrolein and acrylic can be produced at high yield.